

Chain and fusee
From "Diderot et d'Alembert," 1751-1772, *Horlogerie*, page CC

Figure 1a

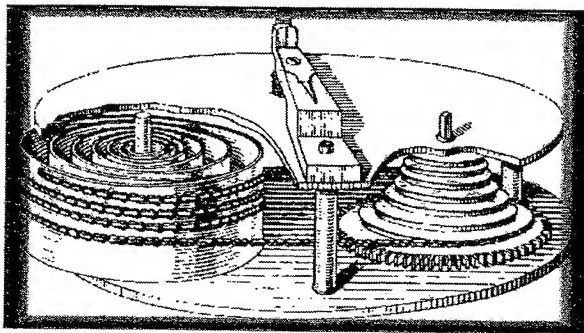


Figure 1b

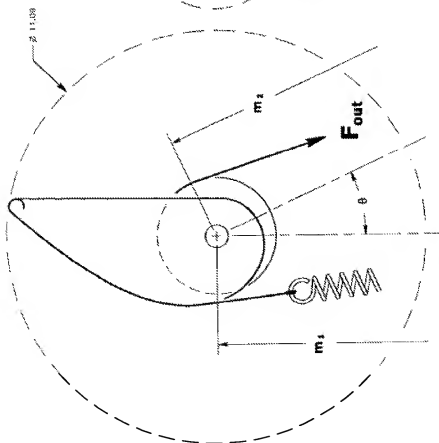


Figure 2a

Constant Force Mechanism
Constant Torque Profile

$$L_1 \approx L_2$$

$$\lambda_{\max} = 230 \text{ degree}$$

PRIOR ART

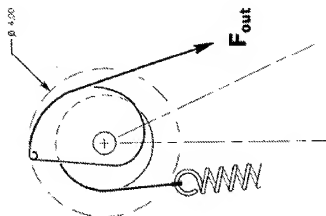


Figure 2b

Constant Force Mechanism
Linear Torque Profile

$$L_1 \approx L_2$$

$$\lambda_{\max} = 280 \text{ degree}$$

PRIOR ART

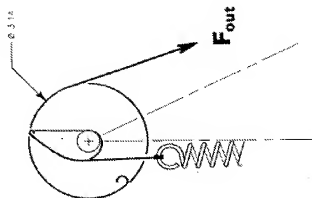


Figure 2c

Constant Force Mechanism
Constant Torque Profile

$$L_1 \ll L_2$$

$$\lambda_{\max} = 230 \text{ degree}$$

PRIOR ART